



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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February 7, 2003

TO: Minerals File

FROM: Paul Baker, Senior Reclamation Specialist 

RE: Site Inspection, Allroc Products, Allroc Pit A, M/035/018, Salt Lake and Davis Counties, Utah

Date of Inspection: January 30, 2003
Time of Inspection: 12:10 to 1:40 p.m.
Conditions: Mostly cloudy, 40's
Participants: Rick Morgan, Allroc; Doug Jensen and Paul Baker, DOGM

Purpose of Inspection:

The primary purpose of the inspection was to use a global positioning system (GPS) unit to map and measure the area of the mine. The operator is hoping to be able to permit the site as a small mine, at least for now. The site has been sold to Lakeview Rock Products which should take over as operator in a few months.

Observations:

Mr. Morgan had marked, with spray paint, the area to which the operator intends to confine all operations. There are some other adjacent mine areas that have been used in the past and that will likely be used in the future that are not included in the area he marked. On the left side of Photo 1 is one of the marks, and one can see the disturbed areas above this mark that the operator does not plan to use for now. There are two piles of material that are being recycled, one of asphalt and one of concrete (Photo 2), that we measured separately. Mr. Jensen and I made no commitment whether these would need to be included in the permitted area, but the operator is processing this material. It is supposed to be gone before Lakeview takes over.

During the inspection, two front-end loaders were putting material through a crusher and screen. This material was then taken by conveyor to a stockpile (Photo 3). A dozer (Photo 4) was working a bench to push material down to the front-end loaders. The marked area was one bench above the area where the dozer was working.

After taking the GPS positions, we used Pathfinder software to download the information and do differential correction. The areas of the mine and the two stockpiles were measured separately using Pathfinder. This corrected GPS information was used to make a map with ArcView software, and

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the map is attached to this report. We measured the asphalt storage area as 2.85 acres, the concrete storage area as 0.33 acres, and the rest of the mine site (excluding the concrete storage area) as 9.68 acres.

Considering the present operation, Mr. Jensen and I felt we were conservative delineating the area marked by Mr. Morgan. There is one area on the northeast side of the mine that Mr. Morgan thought he might not need to use in the immediate future, and using Pathfinder, I estimated the area might total about one acre. It could be larger or smaller than this depending on the exact area that might not be used.

Conclusions and Recommendations:

The Division needs to determine whether the asphalt and concrete piles need to be included as part of the mine disturbance.

At this time, unless the operator can find a way to reduce the area being used for operations by about one-half, it appears the mine will need to be permitted as a large mine.

jb

Enclosure: photos

cc: Rick Morgan, operator

O:\M035-Salt Lake\M0350018Allroc\inspection\ins013003.doc

ATTACHMENT

Inspection date: January 30, 2003; Report date: February 7, 2003

Photographs

Mine Number, Mine Name, Operator Name

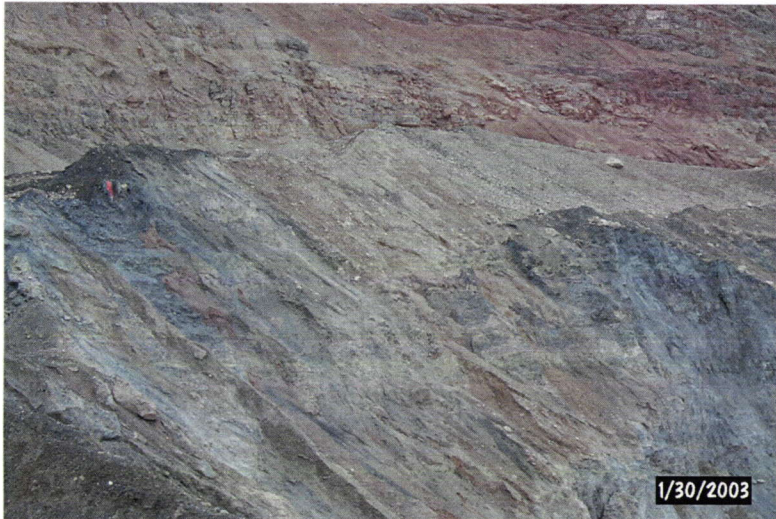


Photo 1. The paint mark on the upper left side of the photo is on the upper bench and is to delineate the edge of the disturbance,



Photo 3. Conveyor, stockpile, and some of the processing facilities.

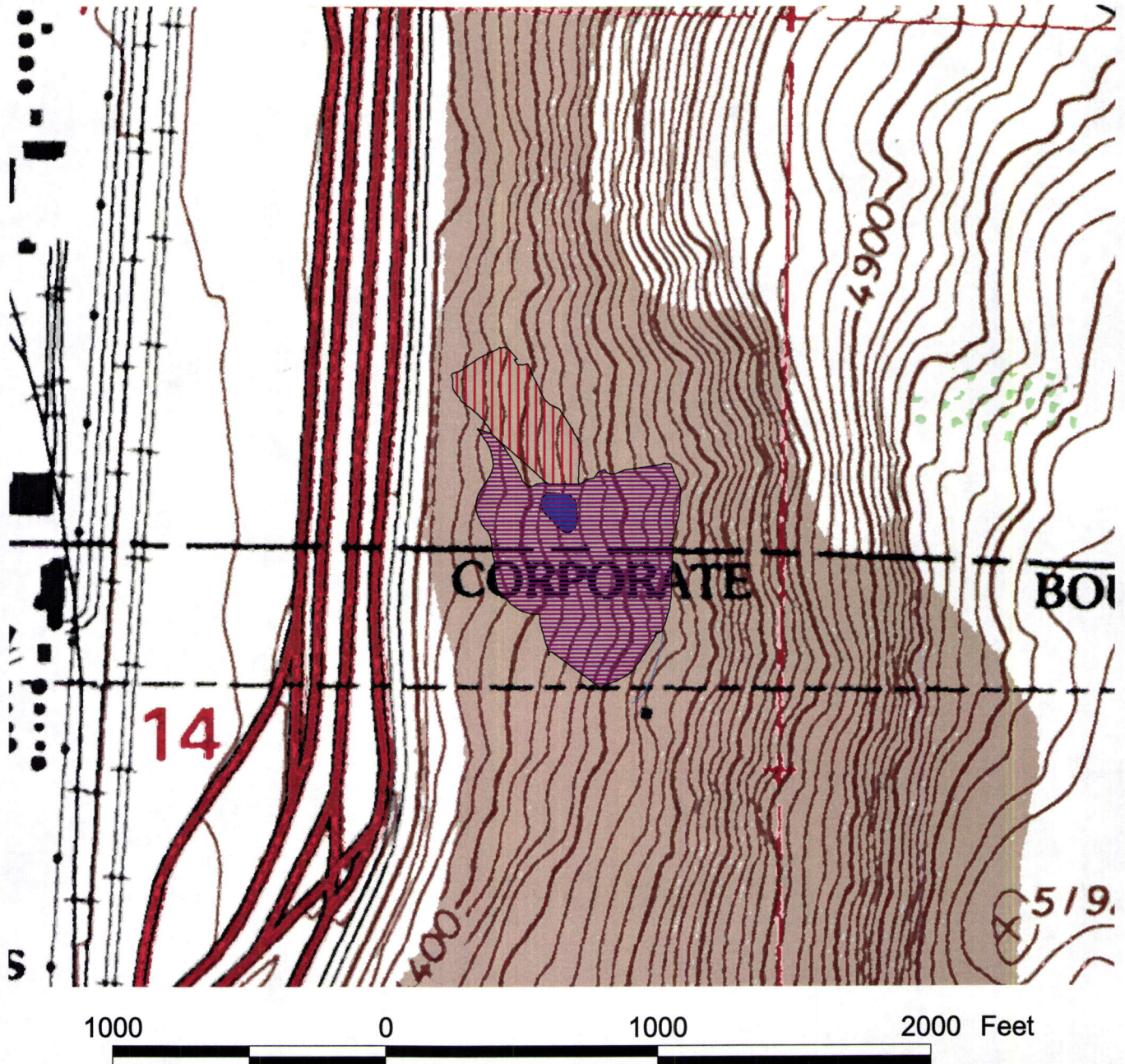


Photo 2. Pile of concrete within the disturbed area. This concrete is being recycled.



Photo 4. Dozer operating on the lower bench.

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Map created February 4, 2003, from GPS data collected January 30, 2003, by Paul Baker and Doug Jensen. Salt Lake City North Quadrangle. NW 1/4 Sect. 14, Township 1 North, Range 1 West, SLBM. Salt Lake (south of "Corporate Boundary" line) and Davis (north of line) counties.

- Main disturbed area. 9.68 acres.
- Concrete storage area. 0.33 acres.
- Asphalt storage area. 2.85 acres.
- Road.

